

FSP800-50FS

FEATURES

- Certified CB 62368-1 & CB 60950-1
- Meet 80 Plus Platinum
- Meet CRPS Standard
- Meet PMBus 1.2
- Design for 5,000 Meter above sea level
- High Reliability
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection

SAFETY STANDARD APPROVAL



DESCRIPTION

FSP800-50FS is a redundant power supply base on CRPS standard. The power supply comes to offer the total power capacity up to 800 Watts, and provides PMbus features, which makes it be able to communicate with motherboard. In addition, the power supply is ideally the best choice for datacenter, workstation, communication or any other automation applications to use. The product also complies with the latest safety and EMC standards, which is perfectly to meet various regulations worldwide.

GENERAL SPECIFICATIONS

| | | | |
|-------------------------------|---|------------------------|--|
| Dimension (L x W x H): | 250 x 76 x 83.8 (mm) 9.84 x 3 x 3.3 (inch) | Environment | Working temperature: 0°C to 55°C Storage temperature: -20°C to + 80°C Working humidity: 5% to 90% RH non-condensing Storage humidity: 5% to 95% RH non-condensing |
| Efficiency: | 80 Plus Platinum (Module) | MTBF (SR-332 Issue 2): | 500,000 hours of continuous operation at 55°C, 100% output load |
| Hold-up time at 100% Loading: | 12V = 11ms 12Vsb = 70ms | Applications: | Storage System , Workstation, Industry Controller |
| Operating altitude: | 5,000 meters above sea level | | |

INPUT SPECIFICATIONS

| | |
|------------------|---------------------------|
| Input voltage: | 90-264Vac |
| Input frequency: | 47-63Hz |
| Input current: | 115Vac @ 10A, 230Vac @ 5A |

OUTPUT RATING

| Outputs | Input Voltage | Min. Current | Max. Current | Total Output Power | | |
|---------|---------------|--------------|--------------|--------------------|-------|------|
| | | | | | | |
| +12V | 100~240V | 0.5A | 65A | 780W | 780W | 800W |
| +3.3V | 100~240V | 0.0A | 25A | 160W | | |
| +5V | 100~240V | 0.0A | 25A | | | |
| -12V | 100~240V | 0.0A | 0.3 | 3.6W | 3.6W | |
| +12Vsb | 100~240V | 0.0A | 4.5A | 22.5W | 22.5W | |

MECHANICAL SPECIFICATIONS

UNIT: mm

